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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/930,118	08/14/2001	Mark D. Fallentine	2861-4507.1US	9918
24247	7590	02/02/2005	EXAMINER	
TRASK BRITT P.O. BOX 2550 SALT LAKE CITY, UT 84110			PWU, JEFFREY C	
			ART UNIT	PAPER NUMBER
			2143	

DATE MAILED: 02/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/930,118

**Applicant(s)**

FALLENTINE ET AL.

**Examiner**

Jeffrey Pwu

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Abstract*

1. Applicant is reminded of the proper language of the disclosure. The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The present invention provides," "The disclosure defined by this invention," "The disclosure describes," etc.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-16 are rejected under 35 U.S.C. 102(e) as being unpatentable over Falck et al. (U.S. 6,360,265).

Falck et al. disclose claims:

1. A system for use with network address translation (NAT) systems, comprising:  
a processor; and a storage device in communication with said processor; and computer instructions stored on said storage device and configured for execution by said processor, wherein said computer instructions perform H.323 synchronization between a first H.323 compliant system located anywhere on an internal private network (110, 112, 114) and a second H.323 compliant system located anywhere on an external public network (104) or on a second

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private network, wherein said internal private network or said second private network are separated from said external public network by a NAT system (col.4, lines 38-63; fig.1).

2. The system of claim 1, wherein said first H.323 compliant system shares the same IP address and/or ports with said second H.323 compliant system (col.5, lines 8-12).

3. The system of claim 1, further comprising an H.323 compliant gatekeeper (col.3, line 13-col.4, line 17).

4. The system of claim 1, further comprising an H.323 compliant gateway (col.2, line 46-col.3, line 10; col.3, line 13-col.4, line 16; col.4, line 38-col.5, line 9; col.5, line 37-col.6, line 67).

5. The system of claim 1, further comprising an H.323-to-H.323 gateway (col.5, lines 8-12).

6. The system of claim 1, further comprising an H.323 endpoint proxy (col.5, lines 8-12).

7. A method for placing a video conference call using an Internet Locator Service (ILS) from a first H.323 compliant node on a public network to a second H.323 compliant node on a private network, said public network separated from said private network by a Network Address Translation (NAT) device, said method comprising: providing a system for H.323 synchronization located on said private network and in communication with said NAT device and said second H.323 compliant node (claim 31); querying an ILS for an IP address

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corresponding to said NAT and email address of said second H.323 compliant system (“at the server, assigning a TCP port uniquely identifying the multimedia server handling the multimedia call; at the address proxy, calculating the identity of the multimedia server from the value of the TCP port uniquely identifying the multimedia server handling the multimedia call”); initiating said video teleconference call through said NAT at said IP address; synchronizing said video teleconference call through said system for H.323 synchronization to said second H.323 compliant node at said email address (col.1, lines 18-43”); and performing said video teleconference call as an H.323 gatekeeper routed call (see “H.323 multimedia call”).

8. A method for placing a video conference call from an external H.323 endpoint located on a public network to an internal H.323 endpoint on a private network, said public network separated from said private network by a Network Address Translation (NAT) device, said method comprising: providing a system for H.323 synchronization located on said private network and in communication with said NAT device and said internal H.323 endpoint; initiating said video conference call to said NAT; synchronizing said video conference call through said system for H.323 synchronization to said internal H.323 endpoint; and performing said video teleconference call as an H.323 gatekeeper routed call (col.3, line 13-col.4, line 16; also see “multimedia call”).

9. A method for placing a video conference call using an Internet Locator Service (ILS) from an internal endpoint on a private network to an external endpoint on a public network, said public network separated from said private network by a Network Address Translation (NAT) device, said method comprising: providing a system for H.323 synchronization located on said private

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network and in communication with said NAT device and said internal endpoint; querying said ILS for contact information about said external endpoint via said NAT device; asking permission from said system for H.323 synchronization to contact said external endpoint based on said contact information; initiating said video conference call through said system for H.323 synchronization to said external endpoint upon approval; and performing said video teleconference call through said system for H.323 synchronization (col.2, line 46-col.3, line 10; col.3, line 13-col.4, line 16; col.4, line 38-col.5, line 9; col.5, line 37-col.6, line 67).

10. A method for placing a direct IP video conference call from an internal endpoint on a private network to an external endpoint on a public network, said public network separated from said private network by a Network Address Translation (NAT) device, said method comprising: providing a system for H.323 synchronization located on said private network and in communication with said NAT device and said internal endpoint; requesting permission from said system for H.323 synchronization to call said external endpoint directly by IP address; receiving permission and synchronizing said video teleconference call through said system for H.323 synchronization to said external endpoint; and performing said video teleconference call as a gatekeeper routed call directly between said internal endpoint and said external endpoint (col.2, line 46-col.3, line 10; col.3, line 13-col.4, line 16; col.4, line 38-col.5, line 9; col.5, line 37-col.6, line 67).

11. A method for placing a gateway video conference call from a first internal endpoint to a second internal endpoint, said method comprising: providing a system for H.323 synchronization

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in communication with said first internal endpoint and said second internal endpoint; requesting permission from said system for H.323 synchronization to make a gateway call from said first internal endpoint to said second internal endpoint having an alias and an IP address; checking to see if said alias and said IP address is a registered match; if said alias and said IP address are registered, then said gateway video conference call is approved as a direct call between said first internal endpoint and said second internal endpoint; if said IP address is registered endpoint but said alias is not registered, then said gateway video conference call is rejected; and if said alias is registered but said IP address is not registered, then said gateway video call is approved as a routed call through said system for H.323 synchronization to said second internal endpoint (col.1, lines 17-44; see “multimedia servers”, col.3, lines 23-56).

12. A method for placing an Internet Locator Service (ILS) call from a first internal endpoint to a second internal endpoint, said method comprising: providing a system for H.323 synchronization in communication with said first internal endpoint and said second internal endpoint; querying said ILS for contact information about said second internal endpoint; requesting permission from said system for H.323 synchronization to direct call said second internal endpoint; recognizing and approving said direct call to said second internal endpoint; and proceeding with said direct call between said first internal endpoint and said second internal endpoint (col.3, lines 23-56; col.4, lines 38-col.6, line 45; also see H.323 “multi-media call”).

13. A method for placing an Internet Locator Service (ILS) call from a first internal EnVision.TM. node to a second internal EnVision.TM. node, said method comprising:

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providing a system for H.323 synchronization in communication with said first EnVision.TM. node and said second EnVision.TM. node; querying said ILS for contact information for said second internal EnVision.TM. node; requesting permission from said system for H.323 synchronization to make a call to said second internal EnVision.TM. node based on said contact information; recognizing said second internal EnVision.TM. node is registered and approving said call; sending said first internal EnVision.TM. node a private IP address corresponding to said second internal EnVision.TM. node; said first internal EnVision.TM. node calling said second internal EnVision.TM. node at said private IP address; said second internal EnVision.TM. node requesting permission from said system for H.323 synchronization to accept said call; and proceeding with said call between said first internal EnVision.TM. node and said second internal EnVision.TM. node after receiving permission from said system for H.323 synchronization. (As defined in specification, “EnVision<sup>TM</sup>” is defined as ‘NAT smart’ endpoints; the Falck reference similarly discloses a network address translator endpoints 106; claim 13 is similarly rejected as in claims 1-12).

14. A method for placing a direct IP address or alias call from a first internal endpoint to a second internal endpoint, said method comprising: providing a system for H.323 synchronization in communication with said first internal endpoint and said second internal endpoint; said first internal endpoint requesting permission from said system for H.323 synchronization to place said direct IP address or said alias call from said first internal endpoint to said second internal endpoint; approving said request to place said direct IP address or said alias call; said first internal endpoint calling said second internal endpoint; said second internal endpoint requesting



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permission to accept said call; and proceeding with said direct IP address or alias call between said first internal endpoint and said second internal endpoint (col.5, line 19-col.6, line 51).

15. A method for placing a dual network address translation (NAT) device, endpoint to endpoint, gateway call from a first endpoint located on a first private network to a second endpoint located on a second private network, said first private network being separated from a public network by a first NAT device and said second private network being separated from said public network by a second NAT device, said method comprising: providing a first system for H.323 synchronization in communication with said first endpoint and said second endpoint and a second system for H.323 synchronization in communication with said second endpoint; said first endpoint gateway calling said second endpoint using an IP address of said second NAT device and an alias of said second endpoint; said first endpoint performing an admissions request with said IP address to said first system for H.323 synchronization; said first system for H.323 synchronization determining that said IP address is not registered with said first system for H.323 synchronization and approving said admissions request as a gatekeeper routed call; said first endpoint placing said call to said second endpoint through said first system for H.323 synchronization, said first NAT device, said second NAT device and said second system for H.323 synchronization in turn; said second endpoint performing an admissions request to said second system for H.323 synchronization; and performing said call between said first endpoint and said second endpoint after receiving approval from said admissions request (claim 1; co.7, line 34-col.9, line 19).

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16. A method for placing a dual network address translation (NAT) device, EnVision.TM. node to EnVision.TM. node, Internet Locator Service (ILS) assisted call, said method comprising: providing a first system for H.323 synchronization in communication with said first endpoint and said second endpoint and a second system for H.323 synchronization in communication with said second endpoint; said first endpoint querying said ILS for contact information including an IP address for said second NAT device and alias for said second endpoint; said first endpoint gateway calling said second endpoint using said IP address for said second NAT device and said alias of said second endpoint; said first endpoint performing an admissions request with said IP address to said first system for H.323 synchronization; said first system for H.323 synchronization determining that said IP address is not registered with said first system for H.323 synchronization and approving said admissions request as a gatekeeper routed call; said first endpoint placing said call to said second endpoint through said first system for H.323 synchronization, said first NAT device, said second NAT device and said second system for H.323 synchronization in turn; said second endpoint performing an admissions request to said second system for H.323 synchronization; and performing said call between said first endpoint and said second endpoint after receiving approval from said admissions request (Claim 16 is similarly rejected as in claims 1-15).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey Pwu whose telephone number is 571 272-6798. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David

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Wiley can be reached on 571 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



February 1, 2005

JERRY P. W. J.  
PATENT EXAMINER